Defense Blood Standard System SAFMLS 2002

Project Manager, DBSS

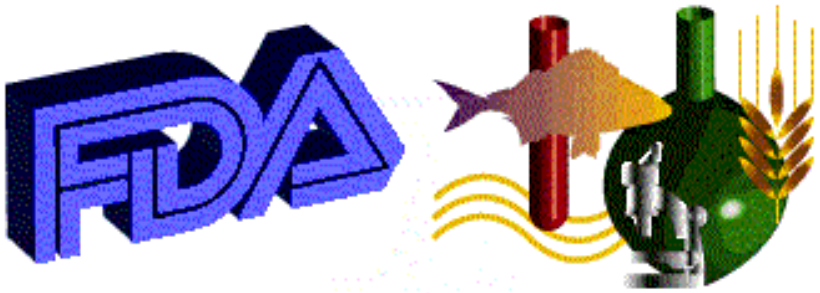
18 April 2002

Overview

- What is DBSS
- Current Status
- Version 3.04 Release
- Version 5.00 Release and Hardware Refresh
- TDBSS
- What’s in the future

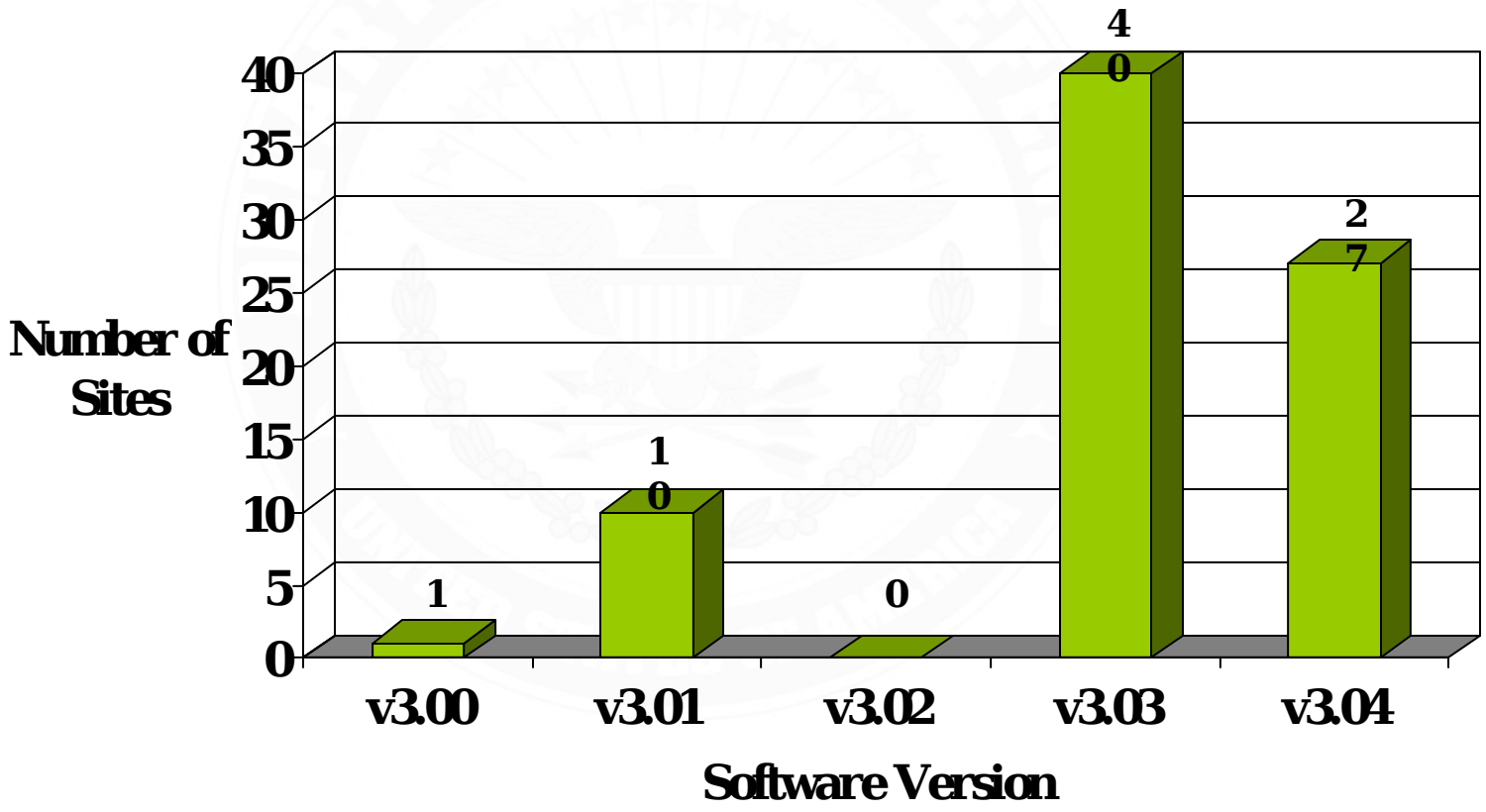
DBSS is …

- Identified as DoD Mission Critical Device
- Designated Class II Medical Device by Food Drug Administration (FDA)
  - Pre-market Notification [a.k.a 510(k)] will be submitted for all major S/W version
  - FDA audits Medical Device manufacturers



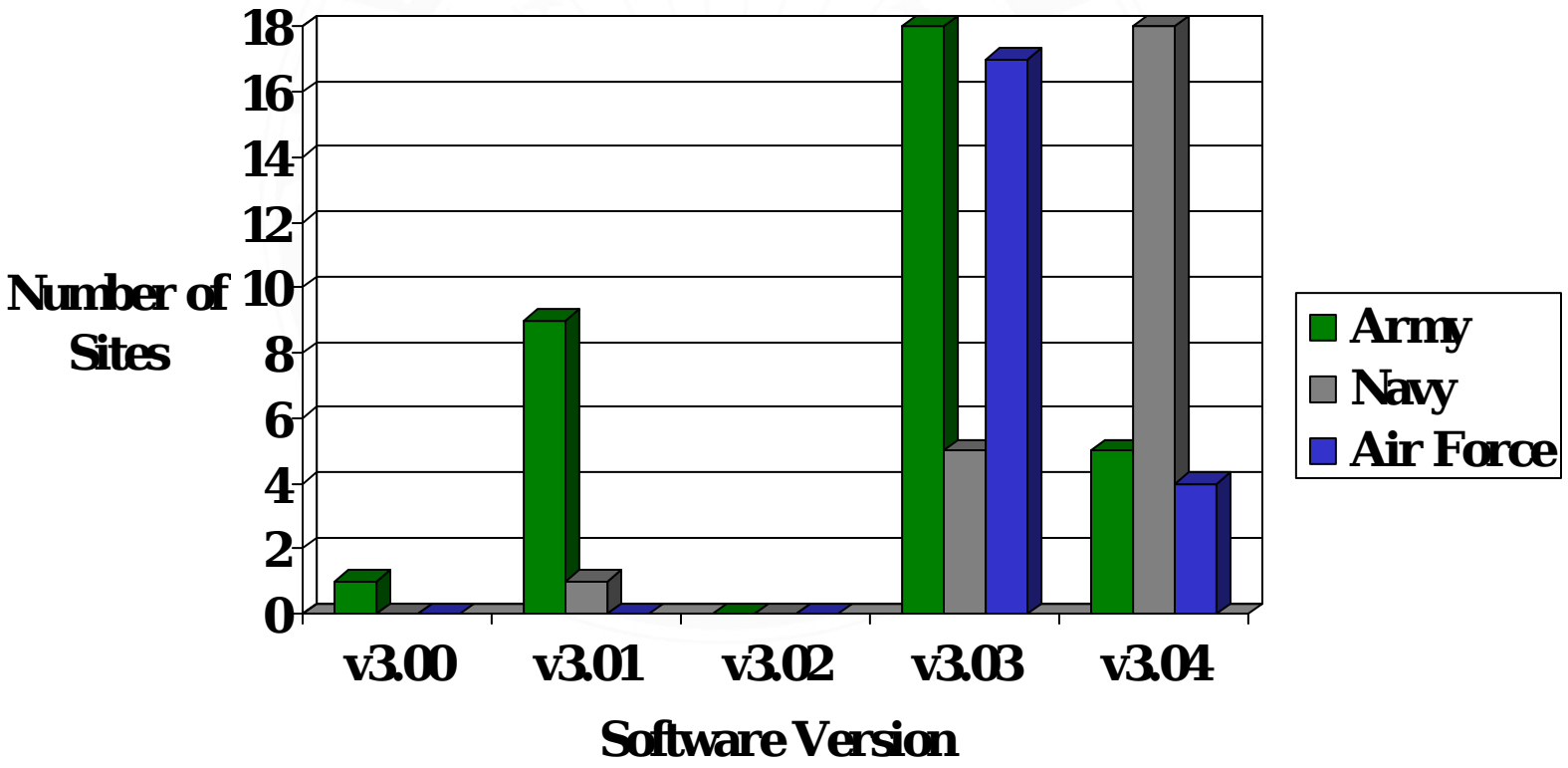
Version Status Chart

(current as of 11 March 2002)



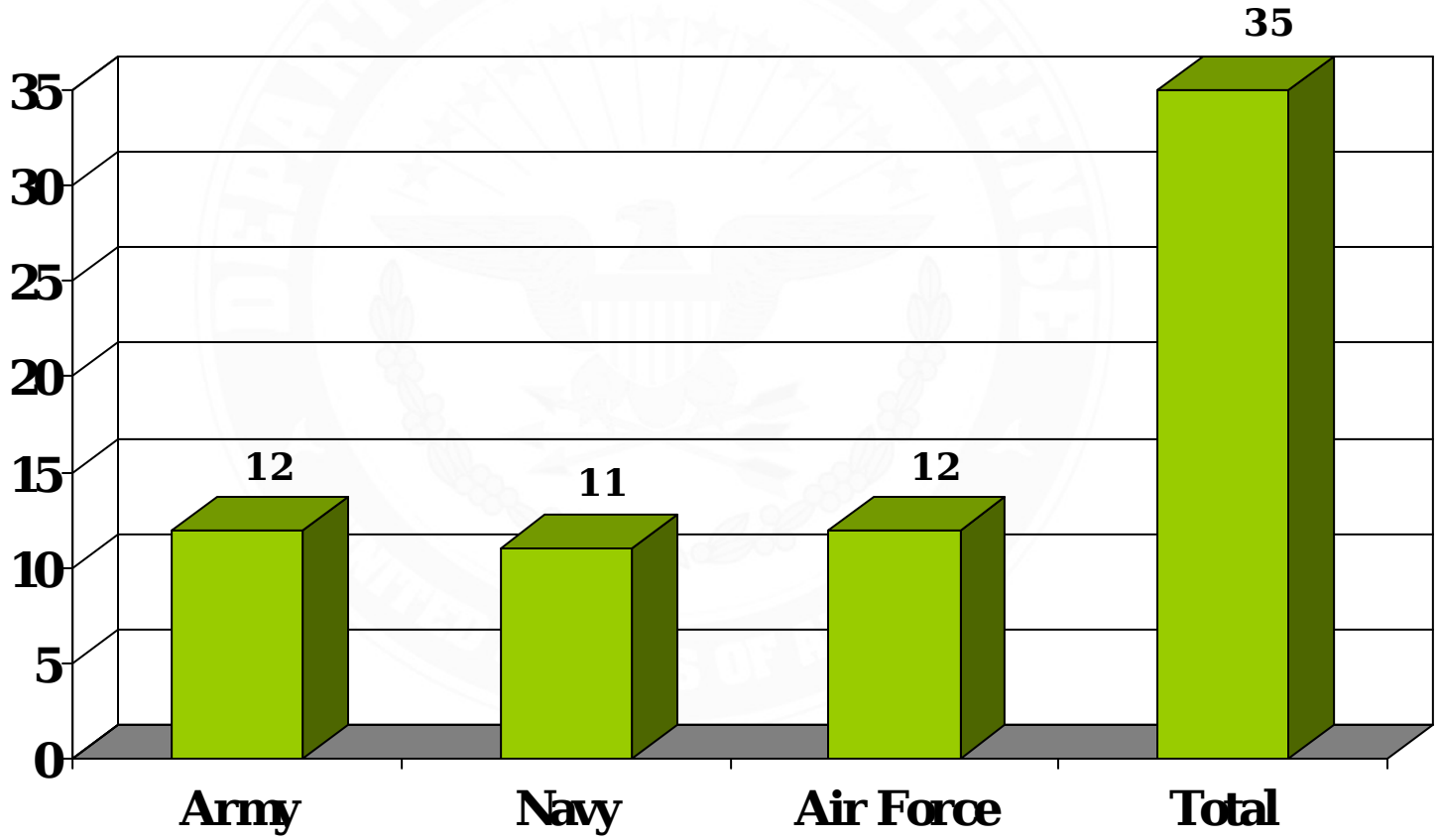
Version Status Chart by Service

(current as of 11 March 2002)



Interface Status Chart

(current as of 11 March 2002)



Version 3.04

- Deployed: 27 December 2001
- Version Release
  - Upgraded Informix to version 7.30TC7
    - Enabled upgrade of service pack
  - Upgraded to Service Pack 6a
    - Resolved security issues
    - Load current anti-viral software
      - Mcafee Virus Scan 4.5.1
      - Norton AntiVirus 7.5.1

DBSS v5.00 Content

- Estimated 2nd Quarter FY03 deployment
- Includes the hardware refresh
- Operating System Upgrades:
  - Windows 2000
  - Conversion of Database
    - Migrate from Informix to Oracle

DBSS v5.00 Content
(Continued)

- Software Upgrades (SCRs):
  - Permanent deferral for repeat HBsAg/HBcAb
  - Add NAT HIV 1/2 and HTLV I/II algorithms
  - HCV modification
  - Add NAT as a test
  - Delete NEG as valid result for HIV1Ag Conf
  - Update donor history questions for vCJD

DBSS v5.00 Content
(Continued)

- Patient Safety Issues (SIRs):
  - Quarantined and Expired Units set as AVL
    - Product shipping issue (correct out of temp)
  - Initial High result not quarantined
    - System allowed Label/Move prior to additional testing
    - Unit removed from quarantine and shipped
  - Disable NTS as verifiable result
  - Calculation of FFP collection to freeze time
  - ABPLS interface update

DBBS Hardware Refresh

- Server
  - Proven for database manipulation
  - 1.8 GHz with 512 KB of cache
  - P IV Xeon Processor
  - 2 GB of Memory
- Workstation
  - Pentium IV 1.7 GHz
  - 256 MB of Memory
  - 10 GB Hard Drive
  - 15” Viewable Flat Screen

DBBS Hardware Refresh
(Continued)

- Mobile units
  - Same as projected TDBSS units
    - Panasonic Toughbooks CF48
  - No server/client relationship
  - All units will be stand alone
- Refresh does ***not*** include
  - New local printers
  - New ABPLS printers

Theater DBSS Laptops

- Upgrade of Units
  - Funds received for Army and AF
  - Laptops will be upgraded to v3.04
- Current TDBSS Status
  - Army – Dell Dimensions
  - Navy – Compaq Armada
  - AF – Gateway Solo
- TMIP Units
  - Panasonic Toughbook (loaded with v3.02T)
  - One standard platform for all Services
  - Deployment projected for 2nd Quarter FY03

Future Initiatives

- FY02
  - Development of v5.00
  - Begin development of Laboratory Instrument Interface and Global Look Back/Deferral (v6.00)
- FY03
  - v5.00 deployment scheduled for 2nd Qtr FY03
  - Continue development of Laboratory Instrument Interface and Global Look Back/Deferral (v6.00); deployment 3rd Qtr FY04

Future Initiatives
(Continued)

- FY04
  - Version 7.0 (deployment 3rd Qtr FY05)
  - Version 7.0 includes
    - Cryovial Management
    - Blood Bank Operational Report
    - System Administrator warnings
    - Enable DBSS to print entire DD572
    - Emergency issue not force O Negative units
    - Archiving closed facilities database
    - Prevent duplicate counting in JMAR reports

Future Initiatives
(Continued)

- Major version releases
  - Approximately every 12 months
  - On-site deployment by developer and possibly DBSS Project Office involvement
  - Projected to incorporate all SCRs received before 01 Jan 02 by the end of FY09
- Minor version release
  - Address SIRs

Project Office Staff

- USAF, BSC
  - Project Manager (DSN 761-7151 x4733)
- USAF
  - Deputy Project Manager (DSN 761-7143 x4766)
- USAF
  - Compliance Manager (DSN 761-7143 x4736)
- Vacant (Army Billet)
  - Functional Manager (DSN 761-7143 x4763)
- USAF, NC
  - Management Representative

Project Office Staff
(Continued)

- Functional Manager/Specialist
- Software Quality Assurance Manager
- Technical Project Support
- Project Support Specialist

Web Page

- Web address
  - http://citpo.ha.osd.mil/dbssmain.htm
    - Password protected as of 9/11 (Tier 1 provides password)
  - Health Affairs CIO letter
    - Loading of unauthorized software
  - Technical Bulletins

Questions and Answers